

Paper for Consideration by SNPWG

[Radio Services – Product Specification – Sample data sets]

Submitted by:	FRANCE
Executive Summary:	The “Jusslandian List of Radio Signals” has been split into several parts corresponding to the Product Specifications of SNPWG work plan. The attached document includes Radio Services data sets.
Related Documents:	Minutes of the 16 ^h SNPWG Meeting – Work plan
Related Projects:	Nil

Introduction / Background

The first edition of “Jusslandian List of Radio Signals” was prepared by SHOM in December 2009 as a first dataset for SNPWG’s mapping work. This document was improved a first time for SNPWG 15 before being presented, in a new version, during SNPWG 16. The final version, supplemented with port information, was released in October 2013.

To follow-up on decisions of SNPWG 16, the relevant data included in this document have been distributed among the product specifications proposed in the SNPWG work plan. Test data sample regarding “Navigational services” (S-125) and “Traffic management” (S-127) were sent to teams in charge of these domains while those relating to “Radio services” (S-123), which are annexed, were sent to Raphael Malyankar who could start doing the mapping.

The remaining data, irrelevant to the three topics mentioned above, remain available for future product specifications that may be added to the work plan.

Analysis/Discussion

The attached document includes all the “Radio Services” information published in Radio Signals publications such as French or Admiralty Lists of Radio Signals, adapting them to an imaginary country, Jussland (IHO Test Data Sets for ECDIS: S-64) :

- Maritime Radio Stations (including Telemedical Assistance Services)
- Maritime Safety Information Services (Radio weather services and navigational warnings)
- Global Maritime Distress and Safety System (GMDSS).

Action Required of SNPWG

SNPWG members and technical experts are encouraged to review the information contained in the attached document and, where appropriate, propose amendments or additions required to enable drafting a product specification that covers properly the whole domain of “Radio services”.

PRODUCT SPECIFICATION

RADIO SERVICES

Final Test Data Sample
RADIO SERVICES
including REFERENCE

Version 08/10/2013

MARITIME RADIO STATIONS

JUSSLAND

MARITIME TELEMEDICAL ASSISTANCE SERVICE (TMAS)

Usual name of centre	Jusslandcity Hospital, Jussland City		
Communications	Jussland MRCC : Bonbonkrema MRSC : Bonbonkrema (ZZZ) :	DSC A1 A2 A3 MMSI 005742029 DSC A1 A2 A3 MMSI 005742030 DSC A1 A2 A3 MMSI 005742031	
Hospital Landlines :			
	+999(0)1 23456755-59	+999(0)1 23456760	
MRCC :			
	+999(0)1 23456789	+999(0)1 23456788	
		email: mrcc.jussland@jussland.gov.js	
Inmarsat C :	+583 422123456		
TELEX :	+998 123456	WEBSITE : www.jussland.mrcc.js	
Associated MRCC or JRCC	MRCC JUSSLAND		
Consultation Languages	Jusslandish and English		
Remarks	The Maritime Search and Rescue Service is under the command of the Jusslander NAVY. Attention is drawn to the International Code of Signals, Medical Section.		

JUSSLAND MRCC

32°31'.50 S 60°54'.07 E	MMSI 005742029	DSC VHF : Can 70 DSC MF : 2187,5 kHz DSC HF4 : 4207,5 kHz DSC HF6 : 6312,0 kHz DSC HF8 : 8414,5 kHz DSC HF12 : 12577,0 kHz DSC HF16 : 16804,5 kHz	AMVER	Diagram page 271
	+999(0)1 23456789	+999(0)1 23456788		
		email: mrcc.jussland@jussland.gov.js		
Inmarsat C :	+583 422123456			
TELEX :	+998 123456	WEBSITE : www.jussland.mrcc.js		
NOTES :	1. This station does not accept public correspondence, accepting Distress, Urgency and Safety traffic only.. 2. Station accepts JUSSREP messages.			

VHF

	Ch 16	H24
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RT (MF)

	Transmits	Receives	Hours of watch
	2182	2182	H24
	8291	8291	H24

BONBONKREMA MRSC

32°21'.70 S 60°55'.90 E	MMSI 005742030	DSC VHF : Can 70 DSC MF : 2187,5 kHz DSC HF4 : 4207,5 kHz DSC HF6 : 6312,0 kHz DSC HF8 : 8414,5 kHz DSC HF12 : 12577,0 kHz DSC HF16 : 16804,5 kHz	AMVER	Diagram page 271
	+999(0)1 23456790	+999(0)1 23456789		
		email: mrsc.jussland@jussland.gov.js		
NOTES :	1. This station does not accept public correspondence, accepting Distress, Urgency and Safety traffic only.. 2. Station accepts JUSSREP messages.			

VHF

	Ch 16 74	H24
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RT (MF)

	Transmits	Receives	Hours of watch
Kipassebien 32°26'.80 S 60°55'.70 E	2182		
	8291		

Jentendlamer 32°33'.40 S 60°49'.50 E	2182	H24
	8291	H24

BONBONKREMA (ZZZ) [9999]

32°23'.30 S 60°57'.20 E	MMSI 005742031	DSC VHF : Can 70 DSC MF : 2187,5 kHz DSC HF6 : 6312,0 kHz DSC HF8 : 8414,5 kHz	AMVER	Diagram page 271
☎ +999(0)1 51365017 & 36502642		📠 +999(0)1 51136501		
CALL : Krema Radio		email: mickleradio@jussland.js		
Inmarsat C : +583 422123457 Iridium phone : +991 621461635 TELEX : +998 441200 BBKRM				
NOTES : 1. Accepts Ship's Weather Reports addressed to CENMETEOKREM. 2. Station accepts AMVER messages. 3. Station accepts JUSSREP messages.				

VHF

Chamalow	Ch 16 27	32°37'.05 S 60°52'.40 E
Caramelmou	Ch 16	32°30'.40 S 60°57'.90 E
Pastilledezan	Ch 14 16 24 33	32°21'.10 S 60°55'.04 E

NOTE : Pastilledezan in service only during the summer period (15th Oct. to 15th Mar).

DSC

	Transmits	Receives	Hours of Watch
Public Correspondance	2177	2182	2300-1500
	3180	2080	

RT (MF)

	Transmits	Receives	Hours of Watch
	2182	2182	2200-1000
	3180	2080	

RT (HF)

	Transmits	Receives	Hours of Watch
	7903	7903	H24
	7972	7972	
	8125	8125	
	8131	8131	
	8140	8140	
	8176	8176	
	8294	8294	
	8755 (Ch 813)	8231	
	11456	11456	H24
	12359	12359	
	12365	12365	

TRAFFIC LISTS: 12359 kHz: 0003 0203 0803 1003 1603 1803

Radiotelex [9999]

	Transmits	Receives	Hours of Watch
	2174.5	2174.5	2300-1500
	6317	6265	0100-0500
	8376.5	8376.5	2300-1500

WT (MF)

	Transmits	Receives	Hours of Watch
	458 500	500	2300-1500

TRAFFIC LISTS: 458 kHz: 0000 0400 0800 1200 2300

WT (HF)

	Transmits	Receives	Hours of Watch
	6337	6 MHz (6 9)	0500-0600
	8461	8 MHz (8 9)	0000-0100 0400-0500
	12970.5	12 MHz (3 9)	0100-0200

TRAFFIC LISTS: 8461 kHz: 000 0400

Data Service (HF)

	Dial Frequency Rx	Dial Frequency Tx	Hours
KREM10	8716	8716	H24
KREM11	13078.5	13078.5	SD
KREM12	17198.5	17198.5	
KREM13	22567.5	22567.5	H24

Bonbonkrema provides data services in partnership with Swisscom Maritimes Communications.

MARITIME SAFETY INFORMATION SERVICES

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

METEOROLOGICAL AND HYDROLOGICAL INFORMATION TRANSMITTED THROUGH THE AUTOMATIC IDENTIFICATION SYSTEM (AIS)

The Jussland Transport Agency transmits AIS messages containing meteorological and hydrological information in all sea areas within VHF range of the Jussland AIS base network

The message contains weather data from the wind and water level gauges closest to the vessel receiving the messages. Receipt of the message on AIS is possible only if the AIS device contains a program with the required specification.

INTERNET WEATHER SERVICES

www.meteojussland.js	Jussland Met Office	Marine weather forecast for Jussland waters
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NAVTEX

J	Caramelmou	518 kHz	32°30'.40 S 60°57'.90 E
N	Chamalow		32°37'.05 S 60°52'.40 E
D	Pastilledezan	490 kHz	32°21'.10 S 60°55'.04 E

Weather Bulletins

J : 0830 2030	Storm warning, synoptic situation and development and forecast valid for 24 hours within 450 n miles of coast.
J : 0900 2100	Storm warning, weather bulletin.
N : 1000 2200	Storm warning, synoptic situation and development and forecast valid for 24 hours within 450 n miles of coast.
N : 1030 2230	High sea forecast. Ice forecast.
D : 1200 2400	Weather bulletin for coastal water.

Navigational Warning

J : 0030 0830 1230 2030	NAVAREA VII and coastal warning.
J : 0100 0900 1300 2100	Navigational Warning.
N : 0200 1000 1400 2200	NAVAREA VII and coastal warning.
N : 0230 1030 1430 2230	Navigational Warning. Ice forecast.
D : 0400 1200 1600 2400	NAVAREA VII and coastal warning.
D : 0430 1230 1630 2400	Navigational Warning.

BONBONKREMA MRSC

32°21'.70 S 60°55'.90 E

	Ch 74	VHF	
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Weather Bulletins

0033 0433 0833 1233 2033	Coastal waters forecast in English. Gale warnings for coastal waters.
0233 0633 1033 1433 1833 2233	High seas forecast in English. Gale warnings for high seas.
On receipt	Storm warnings.

Navigational Warning

0033 0433 0833 1233 2033	Navigational warnings after weather bulletins.
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BONBONKREMA (ZZZ) [9999]

32°23'.30 S 60°57'.20 E

A	3180	RT (MF)	Bonbonkrema	32°23'.30 S 60°57'.20 E
B	Ch 27	VHF	Chamalow	32°37'.05 S 60°52'.40 E
	Ch 23		Caramelmou	32°30'.40 S 60°57'.90 E
	Ch 14		Pastilledezan	32°21'.10 S 60°55'.04 E

Weather Bulletins

A : 0750 1950	Weather synopsis and 24 hour forecast, storm warnings.
A : 1303	Weather synopsis and 48 hour forecast, storm warnings.
B : 0910 2110	Weather warnings and 48 hours forecast for coastal waters.

Navigational Warning

A : 0750 1950 B : 0910 2110	Navigational warnings after weather bulletins.
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JUSSLAND RADIO

A	193	LW	Jussland City	
B	1485	MW	Chamalaw	
	720		Caramelmou	
	774		Pastilledezan	
C	104.9 MHz	FM		

Weather Bulletins

A-C : 0048 0520 LT	Gale warnings, High sea forecast, weather reports from coast stations and the coastal forecast.
A : 1201 1754 LT	Gale warnings and High sea forecast.
C : 1754 LT (Sat & Sun)	

RADIO-FACSIMILE**BONBONKREMA****32°23'.30 S 60°57'.20 E**

	6446		H24
	7907		1900-0600
	8444		HN

Map Areas

A	1:5,000,000	B	1:5,000,000
	32°S.60°E 32°S.65°E		24°S.60°E 24°S.70°E
	34°S.60°E 34°S.65°E		32°S.60°E 32°S.70°E

Schedule

A	36 hour surface prognosis	0700 (00)	120/576
A	Sea state analysis	0800 (06)	
B	36 hour surface prognosis	1000 (06)	
A	Surface temperature analysis / iceberg positions	1400 (12)	
B	Sea state analysis	1500 (12)	
	Broadcast shedule	1850	90/576
	Iceberg prognosis	2000	120/576

SAFETYNET

EGC SAFETYNET SYSTEM

Transmission schedule for full GMDSS service

NAVAREA	NAV information		METAREA	MET information	
	Coordinator	Times (UTC)		Issuing country	Times (UTC)
I	United Kingdom	0530, 1730 (AOR-E)	I	United Kingdom	0930, 2130 (AOR-E) Warnings only on receipt (AOR-W)
II	France	0430, 1630 (AOR-E)	II	France	1015, 2215 (AOR-E / AOR-W)
III	Spain	1200, 2400 & on receipt (AOR-E)	III	Greece ¹	1000, 2200 (AOR-E)
IV	United States	1000, 2200 (AOR-W) (1200 Ice reports N Atlantic) 0900, 2100 (AOR-W) French West Indies 0900, 2100 (AOR-W) French Guyana	IV	United States	0430, 1030, 1630, 2230 (AOR-W)
V	Brazil	0030, 1230 (AOR-E)	V	Brazil	0730, 1930 (AOR-E) Coastal warnings for Amazon Basin and additional coastal areas (AOR-E)
VI	Argentina	0200, 1400 (AOR-W)	VI	Argentina	0230, 1730 (AOR-W)
VII	South Africa	1940 (AOR-E / IOR) 0140, 1340 (IOR) Kerguelen Islands 0330, 1530 (IOR) Mayotte 0400, 1600 (IOR) Jussland	VII	South Africa	0940, 1940, (AOR-E / IOR) ^{2, 5}
VIII	India	1000, 2200 (IOR) 0040, 1240 (IOR) Réunion 0330, 1530 (IOR) Mayotte	VIII (N)	India	0900, 1800 for N of 0° (IOR)
			VIII (S)	Mauritius / Réunion	0130, 1330 for S of 0° (IOR) 0000 ³ , 0600 ³ , 1200 ³ , 1800 ³ for S of 0° (IOR)
				Australia	warnings only for S of 0° and E of 90°E (IOR)
IX	Pakistan	0800 (IOR)	IX	Pakistan	0700 (IOR)
X	Australia	0700, 1900 & on receipt (IOR / POR) 0140, 1340 (POR) New Caledonia	X	Australia	1030, 2330 (IOR)
					1100, 2300 (POR) Coastal Warnings for Bass Strait, Northern Territory & Western Australia (IOR / POR)
XI	Japan	0005, 1205 (POR / IOR)	XI	China	0330, 1015, 1530, 2215 (IOR)
				Japan	0230, 0830, 1430, 2030 for N of 0° (POR) 0815, 2015 ⁴ for S of 0° (POR)
XII	United States	1030, 2230 (POR / AOR-W)	XII	United States	0545, 1145, 1745, 2345 (POR / AOR-W)
XIII	Russian Federation	0930, 2130 (POR)	XIII	Russian Federation	0930, 2130 (POR)
XIV	New Zealand	0900, 2100 (POR) New Zealand 0140, 1340 (POR) New Caledonia 0030, 1230 (POR) Wallis & Futuna 0250, 1450 (POR) French Polynesia	XIV	New Zealand	0330, 0930, 1530, 2130 (POR) Warnings 0330, 1530, (POR) for Area Southern 0930, 2130 (POR) for Area Subtropic, Forties & Pacific
XV	Chile	0210, 1410 (AOR-W)	XV	Chile	0100, 1330 (AOR-W) for Sea Areas 1-8 1440 (AOR-W) for Sea Area 9 0345, 1845 (AOR-W) for Sea Area 10
XVI	Peru	0500, 1700 (AOR-W)	XVI	United States	0515, 1115, 1715, 2315 (AOR-W)
XVII	Canada	1130, 2330 (POR)	XVII	Canada	0300, 1500 (POR)
XVIII	Canada	1100, 2300 (AOR-W)	XVIII	Canada	0300, 1500 (AOR-W)
XIX	Norway	0630, 1830 (AOR-E)	XIX	Norway	1100, 2300 (AOR-E)
XX	Russian Federation	0530, 1730 (IOR)	XX	Russian Federation	0600, 1800 (IOR)
XXI	Russian Federation	0630, 1830 (POR)	XXI	Russian Federation	0600, 1800 (POR)

¹ Scheduled bulletins and warnings for Western Mediterranean Sea are prepared by France.

² Forecasts for areas 30°S - 50°E / 50°S - 80°E and tropical cyclone warnings are prepared by Réunion.

³ Tropical cyclone warnings (if any) issued by Réunion as an unscheduled broadcast.

⁴ Scheduled bulletins and warnings for south of the equator prepared by Australia.

⁵ Transmission via AOR-E for areas West of 20°E, transmission via IOR for areas East of 20°E.

GLOBAL MARITIME DISTRESS AND SAFETY SYSTEM (GMDSS)

SEA AREA A1

VHF DSC, LIST OF COAST STATIONS FOR SEA AREA A1

Country Station	MMSI	Position	Range (n miles)	Status (Associated RCCs)
(1)	(2)	(3)	(4)	(5)
Jussland				
Jussland	005742029	32°31'.50 S 60°54'.07 E	50	Operational (MRCC Jussland)
Bonbonkrema MRSC	005742030	32°21'.70 S 60°55'.90 E	50	Operational (MRCC Jussland)
Bonbonkrema (ZZZ)	005742031	32°23'.30 S 60°57'.20 E	50	Operational (MRCC Jussland)
Remotely controlled stations :				
Chamalow		32°37'.05 S 60°52'.40 E	50	
Caramelmou		32°30'.40 S 60°57'.90 E	50	
Pastilledezan		32°21'.10 S 60°55'.04 E	50	

SEA AREA A2

MF DSC, LIST OF COAST STATIONS FOR SEA AREA A2

Country Station	MMSI	Position	Range (n miles)	Status (Associated RCCs)
(1)	(2)	(3)	(4)	(5)
Jussland				
Jussland	005742029	32°31'.50 S 60°54'.07 E	150	Operational (MRCC Jussland)
Bonbonkrema MRSC	005742030	32°21'.70 S 60°55'.90 E	150	Operational (MRCC Jussland)
Bonbonkrema (ZZZ)	005742031	32°23'.30 S 60°57'.20 E	150	Operational (MRCC Jussland)

SEA AREAS A3/A4

HF DSC, LIST OF COAST STATIONS FOR SEA AREAS A3 AND A4

Country Station	MMSI	Operational frequency bands	Range (n miles)	Status (Associated RCCs)
(1)	(2)	(3)	(4)	(5)
Jussland				
Jussland	005742029	4,6,8,12 & 16 MHz	150	Operational (MRCC Jussland)
Bonbonkrema MRSC	005742030	4,6,8,12 & 16 MHz	150	Operational (MRCC Jussland)
Bonbonkrema (ZZZ)	005742031	4,6,8,12 & 16 MHz	150	Operational (MRCC Jussland)

MSI

MARITIME SAFETY INFORMATION (MSI) UNDER THE GMDSS

HF NBDP MARITIME SAFETY INFORMATION BROADCAST SERVICE

BONBONKREMA (ZZZ) [9999] 32°23'.30 S 60°57'.20 E

A	8416.5	RADIO-TELEX
B	16806.5	

Weather Bulletins

A : 0000 1130	Meteorological warnings.
B : 0030 1200	

Navigational Warning

A : 0000 1130	Navigational warnings.
B : 0030 1200	

NAVAREA COORDINATORS

NAVAREA VII (South Africa)

The Hydrographer, S.A. Navy
Hydrographic Office
private Bag X1, Tokai
7966 CAPE TOWN
South Africa
Telephone : +27 21 7872408
Fax : +27 21 7872228
email : hydrosan@iafrica.com
Website : http://www.sanho.co.za

National Coordinators

COUNTRY	TELEPHONE	FACSIMILE	EMAIL	OTHER
Angola	+244 22 2449211	+244 22 2447320	hidroportos@netangola.com	
Jussland	+999(0)1 23451111	+999(0)1 23451112	hidrojussland@jussland.gov.js	
Madagascar				
Mozambique	+258 1 430186	+258 1 430185	hidro@inahina.uem.mz	
Namibia	+264 64 2082258	+264 64 2082326	mmandia@namport.com.na	

SAR

JUSSLAND

National SAR Agency : HQ Jusslander NAVY Adresse : Spring Place, 105 Commercial Road, Jussland City JS5629 JUSSLAND Tel : +999 (0)1 56489652 (Office hours only) Fax : +999 (0)1 56894123 (Office hours only) email : sar.response@jussland.gov.js			
TeleMedical Assistance Service : The Jusslandcity Hospital provide assistance. Contac via any radiostations requesting Medico assistance.			
	Telephone +999	Fax + 999	Other
Jussland MRCC	(0)1 23456789	(0)1 23456788	Inmarsat-C : +583 422123456 TELEX : +998 123456 email : mrcc.jussland@jussland.gov.js
Bonbonkrema MRSC	(0)1 23456790	(0)1 23456789	email : mrsc.jussland@jussland.gov.js
Bonbonkrema (ZZZ)	(0)1 51365017 (0)1 36502642	(0)1 51136501	email : mickleradio@jussland.js